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**Schlumberger**

22388 U.S. PTO  
10/657391  
09/08/03

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No.: 21.1175US

Re: Application of: Schlumberger Technology Corporation  
For: NEUTRON MEASUREMENT METHOD FOR DETERMINING  
POROSITY OF A FORMATION SURROUNDING A BOREHOLE  
Full Names of Inventor(s): Darwin Ellis, Benoit Couet, Michael Evans, Charles Case and Francoise Allioli

- [X] 37 CFR 1.53(b) UTILITY PATENT APPLICATION TRANSMITTAL, or  
[ ] 37 CFR 1.53(b) CONTINUING APPLICATION OF PRIOR APPLICATION  
NO. \_\_\_\_\_  
[ ] Continuation  
[ ] Divisional  
[ ] Continuation-in-part (CIP)

In accordance with 37 CFR 153(b) enclosed are:

- 1 [X] Fee Transmittal Form (Original & Duplicate)= 4 pp  
2 [X] Patent Application Total No. Pages = 16  
3a [X] Informal Drawings Total No. Pages = 2  
3b [ ] Formal Drawings Total No. Pages  
4 [ ] Oath or Declaration Total No. Pages = (includes Power of Attorney)  
4a [ ] Newly Executed (Original or Copy)  
4b [ ] Copy from Prior Application (37 CFR 1.63(d)) for Continuation/Divisional noted above  
4c [ ] Deletion of Inventors (Signed Statement Deleting Inventors Named in Prior Application  
37 CFR 1.63(d)(2) and 1.33(b)  
5 [ ] Incorporation by Reference (Usable if 4b is checked) Entire Disclosure of Prior Application, from  
which a copy of the oath for declaration is supplied is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by reference therein  
6 [ ] Amend the specification by inserting before the first line the sentence:  
This is a [ ] continuation [ ] continuation-in-part [ ] division of  
application serial no. \_\_\_\_\_ filed \_\_\_\_\_  
7 [ ] The prior application is assigned to SCHLUMBERGER TECHNOLOGY CORPORATION.

Accompanying Application Parts

- 6 [ ] Assignment Papers (Cover Sheet & duplicate & document(s) =  
7 [ ] 37 CFR 3.73(b) Statement  
[ ] Power of Attorney  
8 [ ] Information Disclosure Statement (IDS) PTO-1449 =(1 pp)  
[ ] Copies of \_\_\_\_\_ Citations  
9 [ ] Preliminary Amendment  
10 [X] Return Receipt Postcard (MPEP 503)  
11 [ ] English Translation Document  
12 [ ] Certified Copy of Priority Document (if Foreign Priority is Claimed)  
13 [ ] Other:

CLAIMS AS FILED				
(1) FOR	(2) NUMBERS FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTAL
BASIC FEE				\$740
TOTAL CLAIMS	36 - 20=	16	x\$18	\$288
INDEPENDENT CLAIMS	4 - 3=	1	x\$84	\$ 84
ADDITIONAL FEE FOR FILING ONE OR MORE MULTIPLE DEPENDENT CLAIMS \$270				
TOTAL FILING FEE				\$1112.00
RECORDING FEE <input type="checkbox"/> SEE ATTACHED PTO 1595 <input checked="" type="checkbox"/> TO BE SUBMITTED LATER				

Please charge Deposit Account No. 50-2183 for the above written total amount and any additional fees or credit any over-payment to Deposit Account No. 50-2183.

Please send all correspondence to the following correspondence address: Office of Patent Counsel, Schlumberger Oilfield Services, P.O. Box 2175, Houston, TX 77252-2175.

Our PTO Customer Service No. is 23718.

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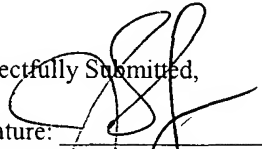
Date of Deposit: September 8, 2003

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Kerry Morris  
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Respectfully Submitted,

Signature: 

Name: J.L. Jennie Salazar

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Date: 9/8/03